

ABSTRACT

A method of filming a luminescent screen is disclosed which improves the light output of CRTs that contain printed phosphor lines. The method incorporates both the application and film formulation requirements and optionally includes in-line diagnostic techniques. The novel film formulation contains a lacquer and solvents, wherein one of the solvents is a non-solvent for the lacquer. The optional diagnostic technique include surface gloss measurements to characterize and monitor the process and provide predictive capability of CRT performance with respect to light output.

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